

RFA-08-C58-U-B70

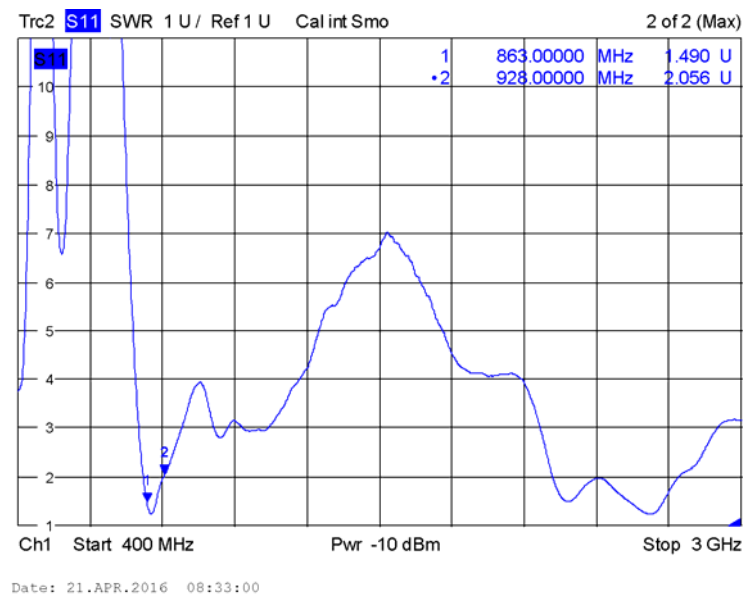
Specifications

Frequency range	863 ~928 MHz
Peak gain	1.55dBi
Average gain	0.8dBi
VSWR	2.5 : 1 Max.
Polarization	Linear, vertical
Impedance	50 Ω
Connector	RP-SMA PLUG

Environment & Mechanical Characteristics

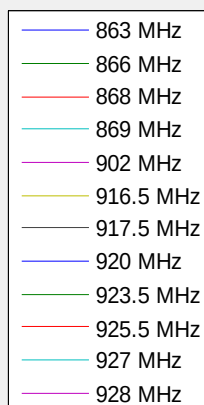
Temperature	- 10°C to +55°C
Humidity	95% @ 25°C

VSWR

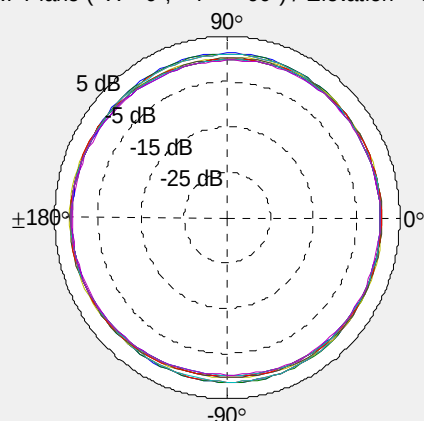


Radiation Pattern

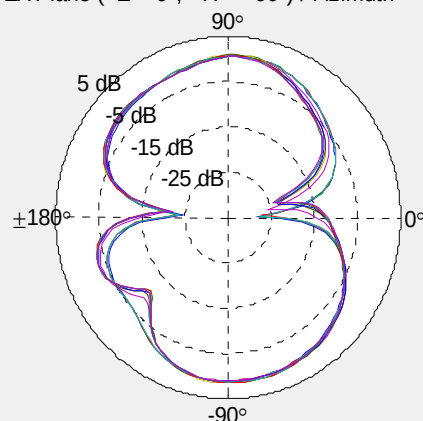
9349-C58 5G Band = 863 - 928 MHz % 5G Band



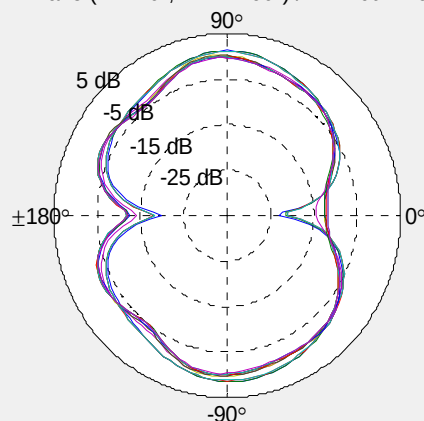
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



ZX Plane (+Z = 0°, +X = +90°) / Azimuth = 0 °



YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °



Gain Table

Frequency (MHz)	3D			V+H Avg. Gain			V+H Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	ZX-plane	XY-plane	YZ-plane	ZX-plane
863.00	78.15	-1.07	1.59	1.08	-2.97	-3.17	1.54	1.43	1.07
866.00	79.54	-0.99	1.67	1.11	-2.86	-3.01	1.62	1.44	1.13
868.00	78.05	-1.08	1.50	0.97	-2.92	-3.04	1.47	1.26	1.03
869.00	77.77	-1.09	1.47	0.96	-2.95	-3.05	1.43	1.23	1.04
902.00	70.43	-1.52	0.97	0.46	-3.44	-3.17	0.97	0.21	0.93
916.50	72.53	-1.40	1.55	0.86	-3.34	-3.01	1.53	0.36	1.51
917.50	71.69	-1.45	1.45	0.76	-3.37	-3.04	1.43	0.24	1.40
920.00	68.22	-1.66	1.12	0.41	-3.59	-3.25	1.11	-0.10	1.09
923.50	68.24	-1.66	1.32	0.55	-3.65	-3.30	1.25	-0.02	1.28
925.50	69.20	-1.60	1.42	0.64	-3.56	-3.22	1.36	0.05	1.37
927.00	68.24	-1.66	1.28	0.50	-3.58	-3.25	1.24	-0.10	1.24
928.00	66.93	-1.74	1.13	0.36	-3.66	-3.33	1.10	-0.26	1.09

